## **IN THE CLAIMS:**

15. (Canceled).

Please cancel claims 1-40 without prejudice, amend claims 41-56, and add new claims 57-65 as follows:

16.	(Canceled).
17.	(Canceled).
18.	(Canceled).
19.	(Canceled).
20.	(Canceled).
21.	(Canceled).
22.	(Canceled).
23.	(Canceled).
24.	(Canceled).
25.	(Canceled).
26.	(Canceled).
27.	(Canceled).
28.	(Canceled).
29.	(Canceled).
30.	(Canceled).
31.	(Canceled).

32. (Canceled).



- 33. (Canceled).
- 34. (Canceled).
- 35. (Canceled).
- 36. (Canceled).
- 37. (Canceled).
- 38. (Canceled).
- 39. (Canceled).
- 40. (Canceled).

4. (Amended) A compound of formula IIa or IIb:

7,0830 A1

**Ia** 

IIb

or a pharmaceutically acceptable <u>salt</u> derivative or prodrug thereof, wherein: or a pharmaceutically acceptable derivative or prodrug thereof, wherein:

W is nitrogen or CR<sup>a</sup>;

 $R^a$  is selected from hydrogen, halogen,  $-CF_3$ ,  $R^7$ ,  $-OR^7$ , or  $-N(R^7)_2$ ;

R<sup>1</sup> is an aryl or heteroaryl ring, wherein said ring is optionally substituted by up to four R<sup>9</sup>; wherein an R<sup>9</sup> substituent in the ortho-position of R<sup>1</sup> taken together with R<sup>2</sup> may form a fused, unsaturated or partially unsaturated, optionally substituted 5-8 membered ring having 0-2 ring heteroatoms selected from nitrogen, oxygen, or sulfur;

R<sup>2</sup> and R<sup>3</sup> are each independently selected from R<sup>6</sup>, halogen, CN, SR<sup>6</sup>, OR<sup>6</sup>, N(R<sup>6</sup>)<sub>2</sub>, NRCO<sub>2</sub>R<sup>6</sup>, NRCON(R<sup>6</sup>)<sub>2</sub>, CON(R<sup>6</sup>)<sub>2</sub>, NRCOR<sup>6</sup>, NRN(R<sup>6</sup>)<sub>2</sub>, COR<sup>6</sup>, CO<sub>2</sub>R<sup>6</sup>, COCOR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, SO<sub>2</sub>N(R<sup>6</sup>)<sub>2</sub>, or NRSO<sub>2</sub>R<sup>6</sup>; or R<sup>2</sup> and R<sup>3</sup> are taken together to form a fused, unsaturated or partially unsaturated, optionally substituted 5-8 membered ring containing 0-2 ring heteroatoms selected from nitrogen, oxygen, or sulfur;

R<sup>4</sup> is selected from R<sup>6</sup>, CON(R<sup>6</sup>), COR<sup>6</sup>, CO<sub>2</sub>R<sup>6</sup>, COCOR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, SO<sub>2</sub>N(R<sup>6</sup>)<sub>2</sub>, or (CH<sub>2</sub>)<sub>y</sub>R<sup>2</sup>; y is 1-6;

- Ar is a five membered heteroaryl, heterocyclyl, or carbocyclyl ring, wherein said ring is optionally substituted by up to three substituents selected from oxo, halogen, CN, NO<sub>2</sub>, R<sup>8</sup>, OR<sup>8</sup>, NHR<sup>8</sup>, NHCOR<sup>8</sup>, NHCONHR<sup>8</sup>, COR<sup>8</sup>, CONHR<sup>8</sup>, SO<sub>2</sub>R<sup>8</sup>, NHSO<sub>2</sub>NHR<sup>8</sup> or SO<sub>2</sub>NHR<sup>8</sup>;
- each R<sup>6</sup> is independently selected from R<sup>7</sup> or an optionally substituted group selected from alkoxy, hydroxyalkyl, heterocyclyl, heterocyclylalkyl, aryl, aralkyl, aralkoxy, aryloxyalkyl, heteroaralkyl, heteroaralkyl, heteroaralkoxy, or heteroarayloxyalkyl;
- each R<sup>7</sup> is independently selected from hydrogen or an optionally substituted aliphatic group having one to six carbons, or two R<sup>7</sup> on the same nitrogen taken together with the nitrogen optionally form a four to six member, saturated or unsaturated heterocyclic ring having one to three heteroatoms;
- R<sup>8</sup> is a C<sub>1</sub>-C<sub>4</sub> aliphatic group, wherein two R<sup>8</sup> on adjacent positions of Ar, or an aryl or heteroaryl ring, may be taken together with their intervening atoms to form a three to six membered fused ring;
- each  $R^9$  is independently selected from oxo, halogen, CN, NO<sub>2</sub>,  $T_n$ (haloalkyl),  $R^6$ ,  $SR^6$ ,  $OR^6$ ,  $OR^8$ ,  $N(R^6)_2$ ,  $CON(R^6)_2$ ,  $CON(R)COR^6$ ,  $COR^6$ ,  $CO_2R^6$ ,  $CO_2N(R^6)_2$ ,  $COCOR^6$ ,  $SO_2R^6$ ,  $SO_2N(R^6)_2$ ,  $N(R)T_nCO_2R^6$ ,  $N(R)T_nCON(R^6)_2$ ,  $N(R)T_nNRCO_2R^6$ ,  $N(R)T_nNRCON(R^6)_2$ ,  $N(R)T_nNRCOR^6$ ,  $N(R)T_nNRCOR^6$ ,  $N(R)T_nSO_2N(R^6)_2$ ,  $N(R)T_nSO_2R^6$ ,  $T_nPO(OR^7)_2$ ,  $T_nOPO(OR^7)_2$ ,  $T_nSP(OR^7)_2$ ,  $T_nPO(OR^7)_2$ , or  $T_nNPO(OR^7)_2$ ;

each Q is an independently selected  $C_1$ - $C_3$  branched or straight alkyl; T is selected from -Q- or  $-Q_m$ - $-CH(Q_m$ - $R^2)$ -; and

each m and n are independently selected from zero or one.

1. The compound according to claim A, wherein said compound has one or more features selected from the group consisting of:

(a) R<sup>1</sup> is an optionally substituted aryl or heteroaryl ring;

- (b) R<sup>2</sup> and R<sup>3</sup> are each independently selected from halogen, CN, CO<sub>2</sub>R<sup>6</sup>, OR<sup>6</sup>, or R<sup>6</sup>; and
- (c)  $R^9$  is halogen, CN, oxo,  $R^6$ ,  $SR^6$ ,  $OR^6$ ,  $N(R^6)_2$ ,  $CON(R^6)_2$ ,  $CO_2R^6$ ,  $CON(R)COR^6$ ,  $N(R)T_nCO_2R^6$ ,  $N(R)T_nNRCO_2R^6$ ,  $N(R)T_nN(R^6)_2$ ,  $NO_2$ ,  $T_n$ (haloalkyl),  $CO_2N(R^6)_2$ ,  $COR^6$ ,  $SO_2R^6$ , or  $SO_2N(R^6)_2$ .

43. The compound according to claim 42, wherein:

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- (a) R<sup>1</sup> is an optionally substituted aryl or heteroaryl ring;
- (b) R<sup>2</sup> and R<sup>3</sup> are each independently selected from halogen, CN, CO<sub>2</sub>R<sup>6</sup>, OR<sup>6</sup>, or R<sup>6</sup>; and
- (c) R<sup>9</sup> is halogen, CN, oxo, R<sup>6</sup>, SR<sup>6</sup>, OR<sup>6</sup>, N(R<sup>6</sup>)<sub>2</sub>, CON(R<sup>6</sup>)<sub>2</sub>, CO<sub>2</sub>R<sup>6</sup>, CON(R)COR<sup>6</sup>, N(R)T<sub>n</sub>CO<sub>2</sub>R<sup>6</sup>, N(R)T<sub>n</sub>NRCO<sub>2</sub>R<sup>6</sup>, N(R)T<sub>n</sub>N(R<sup>6</sup>)<sub>2</sub>, NO<sub>2</sub>, T<sub>n</sub>(haloalkyl), CO<sub>2</sub>N(R<sup>6</sup>)<sub>2</sub>, COR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, or SO<sub>2</sub>N(R<sup>6</sup>)<sub>2</sub>.

4. The compound according to claim 42, wherein said compound has one or more features selected from the group consisting of:

- (a) R<sup>1</sup> is an optionally substituted ring selected from phenyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, thienyl, pyrimidyl, imidazol-1-yl, imidazol-2-yl, pyrazol-1-yl, aminopyrimidinyl, quinolinyl, aminobenzimidazole, or indolyl;
- (b) R<sup>2</sup> is hydrogen, alkoxy, aminoalkyl, or halogen;
- (c) R<sup>3</sup> is hydrogen, alkoxy, aralkoxy, or halogen;
- (d) R<sup>4</sup> is hydrogen or (CH<sub>2</sub>)<sub>v</sub>R<sup>2</sup>; and
- (e)  $R^9$  is halogen, CN, oxo,  $R^6$ ,  $SR^6$ ,  $OR^6$ ,  $N(R^6)_2$ ,  $CON(R^6)_2$ ,  $CO_2R^6$ ,  $CON(R)COR^6$ , or  $N(R)T_nCO_2R^6$ .

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- 4§. The compound according to claim 44, wherein:
- (a) R<sup>1</sup> is an optionally substituted ring selected from phenyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, thienyl, pyrimidyl, imidazol-1-yl, imidazol-2-yl, pyrazol-1-yl, aminopyrimidinyl, quinolinyl, aminobenzimidazole, or indolyl;
- (b) R<sup>2</sup> is hydrogen, alkoxy, aminoalkyl, or halogen;
- (c) R<sup>3</sup> is hydrogen, alkoxy, aralkoxy, or halogen;
- (d) R<sup>4</sup> is hydrogen or (CH<sub>2</sub>)<sub>y</sub>R<sup>2</sup>; and
- (e)  $R^9$  is halogen, CN, oxo,  $R^6$ ,  $SR^6$ ,  $OR^6$ ,  $N(R^6)_2$ ,  $CON(R^6)_2$ ,  $CO_2R^6$ ,  $CON(R)COR^6$ , or  $N(R)T_nCO_2R^6$ .

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46. (Amended) A compound of formula IIIa or IIIb:

$$R^{2}$$
 $R^{3}$ 
 $R^{5}$ 
 $R^{5}$ 

or a pharmaceutically acceptable salt derivative or prodrug thereof, wherein:

W is nitrogen or CRa;

Al

R<sup>a</sup> is selected from hydrogen, halogen, -CF<sub>3</sub>, R<sup>7</sup>, -OR<sup>7</sup>, or -N(R<sup>7</sup>)<sub>2</sub>;

Ring A is optionally substituted with up to three R<sup>9</sup>; wherein when an R<sup>9</sup> substituent is in the ortho-position of Ring A, said R<sup>9</sup> substituent may be taken together with R<sup>2</sup> to form an optionally substituted 5-7 membered ring containing 0-2 ring heteroatoms selected from nitrogen, oxygen, or sulfur;

R<sup>2</sup> and R<sup>3</sup> are each independently selected from R<sup>6</sup>, halogen, CN, SR<sup>6</sup>, OR<sup>6</sup>, N(R<sup>6</sup>)<sub>2</sub>, NRCO<sub>2</sub>R<sup>6</sup>, NRCON(R<sup>6</sup>)<sub>2</sub>, CON(R<sup>6</sup>)<sub>2</sub>, NRCOR<sup>6</sup>, NRN(R<sup>6</sup>)<sub>2</sub>, COR<sup>6</sup>, CO<sub>2</sub>R<sup>6</sup>, COCOR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, SO<sub>2</sub>N(R<sup>6</sup>)<sub>2</sub>, or NRSO<sub>2</sub>R<sup>6</sup>; or R<sup>2</sup> and R<sup>3</sup> are taken together to form a fused, unsaturated or partially unsaturated, optionally substituted 5-8 membered ring containing 0-2 ring heteroatoms selected from nitrogen, oxygen, or sulfur;

 $R^4$  is selected from  $R^6$ ,  $CON(R^6)$ ,  $COR^6$ ,  $CO_2R^6$ ,  $COCOR^6$ ,  $SO_2R^6$ ,  $SO_2N(R^6)_2$ , or  $(CH_2)_yR^2$ ; y is 1-6;

 $R^5$  is selected from  $R^7$ , Ar, COAr, CON( $R^7$ )Ar, (CH<sub>2</sub>)<sub>y</sub>CO<sub>2</sub>R, (CH<sub>2</sub>)<sub>y</sub>N( $R^7$ )<sub>2</sub>, C(=NR<sup>10</sup>)-N( $R^7$ )<sub>2</sub>, C(=NR<sup>10</sup>)-NRCOR, C(=S)-N( $R^7$ )<sub>2</sub>, CON( $R^7$ )<sub>2</sub>, COR, SO<sub>2</sub>R, or SO<sub>2</sub>N( $R^7$ )<sub>2</sub>;

Ar is a five membered heteroaryl, heterocyclyl, or carbocyclyl ring, wherein said ring is optionally substituted by up to three substituents selected from oxo, halogen, CN, NO<sub>2</sub>, R<sup>8</sup>, OR<sup>8</sup>, NHR<sup>8</sup>, NHCOR<sup>8</sup>, NHCONHR<sup>8</sup>, COR<sup>8</sup>, CONHR<sup>8</sup>, SO<sub>2</sub>R<sup>8</sup>, NHSO<sub>2</sub>NHR<sup>8</sup> or SO<sub>2</sub>NHR<sup>8</sup>;

- each R<sup>6</sup> is independently selected from R<sup>7</sup> or an optionally substituted group selected from alkoxy, hydroxyalkyl, heterocyclyl, heterocyclcylalkyl, aryl, aralkyl, aralkoxy, aryloxyalkyl, heteroaralkyl, heteroaralkyl, heteroaralkoxy, or heteroarayloxyalkyl;
- each R<sup>7</sup> is independently selected from hydrogen or an optionally substituted aliphatic group having one to six carbons, or two R<sup>7</sup> on the same nitrogen taken together with the nitrogen optionally form a four to six member, saturated or unsaturated heterocyclic ring having one to three heteroatoms;
- R<sup>8</sup> is a C<sub>1</sub>-C<sub>4</sub> aliphatic group, wherein two R<sup>8</sup> on adjacent positions of Ar, or an aryl or heteroaryl ring, may be taken together with their intervening atoms to form a three to six membered fused ring;
- each  $R^9$  is independently selected from oxo, halogen, CN, NO<sub>2</sub>,  $T_n$ (haloalkyl),  $R^6$ ,  $SR^6$ ,  $OR^6$ ,  $OR^8$ ,  $N(R^6)_2$ ,  $CON(R^6)_2$ ,  $CON(R)COR^6$ ,  $COR^6$ ,  $CO_2R^6$ ,  $CO_2N(R^6)_2$ ,  $COCOR^6$ ,  $SO_2R^6$ ,  $SO_2N(R^6)_2$ ,  $N(R)T_nCO_2R^6$ ,  $N(R)T_nCON(R^6)_2$ ,  $N(R)T_nNRCO_2R^6$ ,  $N(R)T_nNRCON(R^6)_2$ ,  $N(R)T_nCOR^6$ ,  $N(R)T_nNRCOR^6$ ,  $N(R)T_nSO_2N(R^6)_2$ ,  $N(R)T_nSO_2R^6$ ,  $T_nPO(OR^7)_2$ ,  $T_nOPO(OR^7)_2$ ,  $T_nSP(OR^7)_2$ ,  $T_nPO(OR^7)_2$ , or  $T_nNPO(OR^7)_2$ ; each Q is an independently selected  $C_1$ - $C_3$  branched or straight alkyl; T is selected from -Q- or  $-Q_m$ - $CH(Q_m$ - $R^2)$ -; each m and n are independently selected from zero or one; and  $R^{10}$  is selected from  $R^7$  or  $R^7$ .
- 7 47. The compound according to claim 46, wherein said compound has one or more features selected from the group consisting of:
  - (a)  $R^2$  and  $R^3$  are each independently selected from halogen, CN,  $CO_2R^6$ ,  $OR^6$ , or  $R^6$ ;
  - (b)  $R^5$  is  $CO_2R$ , COAr, COR,  $CON(R^7)_2$ , Ar,  $(CH_2)_yCO_2R$ , or  $(CH_2)_yN(R^7)_2$ ; and
  - (c)  $R^9$  is halogen, CN, oxo,  $R^6$ ,  $SR^6$ ,  $OR^6$ ,  $N(R^6)_2$ ,  $CON(R^6)_2$ ,  $CO_2R^6$ ,  $CON(R)COR^6$ ,  $N(R)T_nCO_2R^6$ ,  $N(R)T_nNRCO_2R^6$ ,  $N(R)T_nN(R^6)_2$ ,  $NO_2$ ,  $T_n$ (haloalkyl),  $CO_2N(R^6)_2$ ,  $COR^6$ ,  $SO_2R^6$ , or  $SO_2N(R^6)_2$ .

46. The compound according to claim 41, wherein:

- (a) R<sup>2</sup> and R<sup>3</sup> are each independently selected from halogen, CN, CO<sub>2</sub>R<sup>6</sup>, OR<sup>6</sup>, or R<sup>6</sup>;
- (b)  $R^5$  is  $CO_2R$ , COAr, COR,  $CON(R^7)_2$ , Ar,  $(CH_2)_yCO_2R$ , or  $(CH_2)_yN(R^7)_2$ ; and
- (c) R<sup>9</sup> is halogen, CN, oxo, R<sup>6</sup>, SR<sup>6</sup>, OR<sup>6</sup>, N(R<sup>6</sup>)<sub>2</sub>, CON(R<sup>6</sup>)<sub>2</sub>, CO<sub>2</sub>R<sup>6</sup>, CON(R)COR<sup>6</sup>, N(R)T<sub>n</sub>CO<sub>2</sub>R<sup>6</sup>, N(R)T<sub>n</sub>NRCO<sub>2</sub>R<sup>6</sup>, N(R)T<sub>n</sub>N(R<sup>6</sup>)<sub>2</sub>, NO<sub>2</sub>, T<sub>n</sub>(haloalkyl), CO<sub>2</sub>N(R<sup>6</sup>)<sub>2</sub>, COR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, or SO<sub>2</sub>N(R<sup>6</sup>)<sub>2</sub>.

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- 9 42. The compound according to claim 47, wherein said compound has one or more features selected from the group consisting of:
  - (a) R<sup>2</sup> is hydrogen, alkoxy, aminoalkyl, or halogen;
  - (b) R<sup>3</sup> is hydrogen, alkoxy, aralkoxy, or halogen;
  - (c)  $R^4$  is hydrogen or  $(CH_2)_y R^2$ ;
  - (d)  $R^5$  is  $CON(R^7)_2$ , Ar,  $(CH_2)_yCO_2R$ , or  $(CH_2)_yN(R^7)_2$ ; and
  - (e)  $R^9$  is halogen, CN, oxo,  $R^6$ ,  $SR^6$ ,  $OR^6$ ,  $N(R^6)_2$ ,  $CON(R^6)_2$ ,  $CO_2R^6$ ,  $CON(R)COR^6$ , or  $N(R)T_nCO_2R^6$ .
  - 50. The compound according to claim 40, wherein:
    - (a) R<sup>2</sup> is hydrogen, alkoxy, aminoalkyl, or halogen;
    - (b) R<sup>3</sup> is hydrogen, alkoxy, aralkoxy, or halogen;
    - (c) R<sup>4</sup> is hydrogen or (CH<sub>2</sub>)<sub>v</sub>R<sup>2</sup>;
    - (d)  $R^5$  is  $CON(R^7)_2$ , Ar,  $(CH_2)_yCO_2R$ , or  $(CH_2)_yN(R^7)_2$ ; and
    - (e)  $R^9$  is halogen, CN, oxo,  $R^6$ ,  $SR^6$ ,  $OR^6$ ,  $N(R^6)_2$ ,  $CON(R^6)_2$ ,  $CO_2R^6$ ,  $CON(R)COR^6$ , or  $N(R)T_nCO_2R^6$ .
- 31. (Amended) A composition comprising an effective amount of a compound according to any one of claims 41 to 58; and a pharmaceutically acceptable carrier.
- 19 52. The composition according to claim \$1, wherein said compound is formulated in a pharmaceutically acceptable manner for administration to a patient.
- (Amended) The composition according to claim \$1 further comprising an additional therapeutic agent an antibiotic, an anti-inflammatory agent, a matrix metalloprotease inhibitor, a lipoxygenase inhibitor, a cytokine antagonist, an immunosuppressant, an anti-cancer agent, an anti-viral agent, a cytokine, a growth factor, an immunomodulator, a prostaglandin or an anti-vascular hyperproliferation compound.
- 6 54. (Amended) The composition according to claim 52 further comprising an additional therapeutic agent an antibiotic, an anti-inflammatory agent, a matrix metalloprotease inhibitor, a lipoxygenase inhibitor, a cytokine antagonist, an immunosuppressant, an anti-cancer agent, an anti-viral agent, a cytokine, a growth factor, an immunomodulator, a prostaglandin or an anti-vascular hyperproliferation compound.

35. The composition according to claim 31 further comprising an agent that increases the susceptibility of bacterial organisms to antibiotics.

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The composition according to claim 33 further comprising an agent that increases the susceptibility of bacterial organisms to antibiotics.

(New) A compound selected from the group consisting of:

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No. Ia-	Structure	No. Ia-	Structure
20	N NH	25	
28		29	Z H Z H Z H Z H Z H Z H Z H Z H Z H Z H
33	HO NH NH	35	HO HO NO
38	N N N N N N N N N N N N N N N N N N N	40	The state of the s
-	_	42	N NH NH
43	N NH NH	44	THE NAME OF THE NA
45	HO HO NH NH NH	46	Y°, NH NH NH NH

No. Ia-	Structure	No. Ia-	Structure
47	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	48	
49		50	
51	12 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	52	N N N N N N N N N N N N N N N N N N N
53		54	H <sub>2</sub> N N O NH
55	THE	. 56	F N N N N N N N N N N N N N N N N N N N
57		58	N NH NH
59	H Z Z H	60	HO NO
61		62	N NH NH
63		64	N N N N N N N N N N N N N N N N N N N
65		66	N N N N N N N N N N N N N N N N N N N

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No. Ia-	Structure	No. Ia-	Structure
107	NH <sub>2</sub> NH O NH NH NH NH NH	108	N N N N N N N N N N N N N N N N N N N
109	The state of the s	110	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
111		112	
113		116	
117	S N N N N N N N N N N N N N N N N N N N	118	N NH NH
119	N NH	120	
121	Z Z Z H	-	_
123	O H N N N N N N N N N N N N N N N N N N	124	

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No. Ia-	Structure	No. Ia-	Structure
125	HO CN N N N N N N N N N N N N N N N N N N	126	H <sub>2</sub> N N N N N N N N N N N N N N N N N N N
127		128	The state of the s
129	HO N N N N N N N N N N N N N N N N N N N	130	N N N N N N N N N N N N N N N N N N N
131	H,N N N N N N N N N N N N N N N N N N N	132	
133		134	
135	X° LH	136	

No. Ia-	Structure	No. Ia-	Structure
137	HZ Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	138	HZ FZ
139		140	The state of the s
141	H W H W H W H W H W H W H W H W H W H W	142	
143	۲۶-۲-۲-۱-۱-۱-۱-۱-۱-۱-۱-۱-۱-۱-۱-۱-۱-۱-۱-۱	144	H <sub>2</sub> N N N N N N N N N N N N N N N N N N N
145		146	ZH ZZ ZH ZZ ZH
147		148	X° ZIZI
149		150	

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No. Ia-	Structure	No. Ia-	Structure
151	H H H H	152	NH NH NH NH
153		154	
155		156	
157	HO HO LA	158	
159		160	
161	HO NH	162	HO TE
163	~°~~###	164	
165	OH NH NH NH	166	

No. Ia-	Structure	No. Ia-	Structure
167	CF,	168	
169	N N N N N N N N N N N N N N N N N N N	170	
171		172	
173		174	
175		176	
177		178	
179	HO NAME OF THE PARTY OF THE PAR	180	
181	SHOW HIND HAND	182	
183		184	

No. Ia-	Structure	No. Ia-	Structure
185	HO NO	186	
187	N O NH	188	
189	HO N NH NH	190	HO S N N N N N N N N N N N N N N N N N N
191	HO-N NH	192	HO NH NH NH
193	H N N N N N N N N N N N N N N N N N N N	194	HO NH NH
195	HO N N N N N N N N N N N N N N N N N N N	196	HO N NH NH
197	ON ON NH NH NH	198	H <sub>2</sub> N NH NH NH
199	N N NH NH	and 200	MeO POMe .

58. (New) A compound selected from the group consisting of:

No. Ib-	Structure	No. Ib-	Structure
3	O N N N H	4	H N N N N N N N N N N N N N N N N N N N
5	Br ON H	6	Br O N H H
7	Br O N H H	8	H <sub>2</sub> N N Me
9	HN N Me	10	HN N N N N N N N N N N N N N N N N N N
11	N=N Me	12	Me N N N N N N N N N N N N N N N N N N N
13	Et HN N Me	14	Me N N N N N N N N N N N N N N N N N N N
15	HN N N Me	16	N N N N N N N N N N N N N N N N N N N

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AI

No. Ib-	Structure	No. Ib-	Structure
17	Me N N N N N N N N N N N N N N N N N N N	20	CO <sub>2</sub> H
21	N N N N N N N N N N N N N N N N N N N	22	N N N N N N N N N N N N N N N N N N N
23	HO <sub>2</sub> C N N N N N N N N N N N N N N N N N N N	24	F N O N H N N H
25	OH CN ON H	26	THE STATE OF THE S
27	NHAC CN O N N N N N N N N N N N N N N N N N	and 28	OH OH NAME OF THE OF TH

(New) A method of decreasing bacterial quantity in a biological sample comprising the step of contacting said biological sample with a compound according to either of claims A or 46.

20 19 do. (New) The method according to claim 30 further comprising the step of contacting said biological sample with an agent which increases the susceptibility of bacterial organisms to antibiotics.

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(New) A method of inhibiting gyrase in a mammal, comprising the step of administering to said mammal a composition according to claim 3.

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62 (New) A method of treating a bacterial infection in a mammal in need thereof, comprising the step of administering to said mammal a therapeutically effective amount of a composition according to claim \$1.

-33 (New) The method according to claim 62, wherein the bacterial infection to be treated is characterized by the presence of one or more of the following: Streptococcus pneumoniae, Streptococcus pyrogenes, Enterococcus fecalis, Enterococcus faecium, Klebsiella pneumoniae, Enterobacter sps. Proteus sps. Pseudomonas aeruginosa, E. coli, Serratia marcesens, S. aureus, or Coag. Neg. Staph.

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63. (New) The method according to claim 62 wherein the bacterial infection to be treated is selected from one or more of the following: urinary tract infections, pneumonia, prostatitis, skin and soft tissue infections, intra-abdominal infections, or infections of febrile neutropenic patients.

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64. The method according to claim 82 further comprising the step of administering to said patient an antibiotic, an anti-inflammatory agent, a matrix metalloprotease inhibitor, a lipoxygenase inhibitor, a cytokine antagonist, an immunosuppressant, an anti-cancer agent, an anti-viral agent, a cytokine, a growth factor, an immunomodulator, a prostaglandin or an anti-vascular hyperproliferation compound, either as part of a multiple dosage form together with said compound or as a separate dosage form.

55. The method according to claim & further comprising the step of administering to said patient an agent that increases the susceptibility of bacterial organisms to antibiotics.